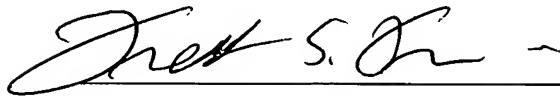


IN THE ABSTRACT:

Please include an Abstract on a separate sheet as enclosed herewith.

Respectfully Submitted,



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ABSTRACT

A3
This invention provides an apparatus comprising a laser diode (2) whose wavelength is modulated by an amplitude modulator (1). The laser output is collimated by a lens (3) and passed through an optical element (4) which contains two diffraction gratings spaced by a refractive element. The resulting output contains an interference pattern which can be selected and controlled to interact with chosen molecules so as to induce molecular resonance.

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